

# CRS Job Sheets

Based on the CRS SOM

This document summarizes various steps described in the CRS Site Operator's Manual Section. Use the bookmarks located on the left or the search bar to locate items quickly.

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**2/1/2011**

## CREATE ASCII FILES

### Reference: CRS Site Operator's Manual Section 3.6.2.12

The ASCII text file compiles the CRS application's configurations. Recompile the operational database through the XCRS\_SITE utility.

1. Left click in the CRS background (white space)
2. At the CRS Utilities window select **XCRS\_SITE Utility**
3. Select **Create ASCII file** option from the right of screen
4. Enter the filename to be used for this backup file (i.e., YYYYMMDD.ASC), remembering to append .ASC
5. Click the **Create ASCII file** option
6. Information will scroll up the window, ending with ASCII file creation successful!
7. Notice the ASCII Site Setup File: window has the chosen filename.
8. **Exit** this window

## RESTORE FROM AN ASCII FILE

### Reference: CRS System Administration Manual Appendix Y

Restoring the system to a known state can restore broadcasting while additional troubleshooting is performed.

1. **System >> Stop System** in the CRS menu
2. Click **OK** and **Close**
3. Open the XCRS\_SITE list
4. Click **Select ASCII Site Setup**
5. Double-click the desired ASCII database filename
6. Click **Initialize System Configuration and Database**
7. Click **Start Site Configuration**
8. Click **Start CRS System**
9. From the System menu, select **Data Verify**
10. Log off and log back in on both OMP and 5MP

## COPY ASCII FILE TO FLOPPY

### Reference: System Administration Manual Appendix Y

ASCII files are saved on the system. Use the following steps in order to copy the configuration to a floppy and save in a known location.

1. Left click in the CRS background (white space)
2. From the CRS Menu, click on the Maintenance pull down menu and select **UNIX Shell**
3. Insert a blank formatted diskette into the A drive
4. At the prompt, enter the following `mcopy -t /crs/data/SS/filename.ASC a:filename.ASC`
5. When copying is complete, exit from the UNIX shell
6. Label and secure the floppy disk

## RESTORE FROM AN ASCII FILE ON A FLOPPY

### Reference: System Administration Manual Appendix Y

This procedure describes how to recompile the CRS Database using the ASCII text file stored on a floppy disk.

1. **Maintenance >> UNIX Shell** in the CRS menu on the OMP.
2. Insert the diskette with the **CRS ASCII database text file in OMP disk drive.**
3. At the OMP {admin} prompt, enter:  
**mcopy -t a:filename /crs/data/SS/filename** (where **filename** is the name of the ASCII database text file)
4. Go to Y-3 and follow the procedure

## CREATE BINARY

### Reference: CRS Site Operator's Manual section 3.6.2.5.12 a

This type of backup, a binary backup, captures not only the configuration, but backs up the tables and components as well. Any unexpired products captured in the backup will play when the file is used to restore the system. This process backs up information to the hard drive.

1. From the Maintenance menu, select **Database Backup/Restore**
2. Specify the desired backup name in the **Directory Name** field
3. Click the toggle to the right of the menu and select **Database Backup/Restore**
4. Click the option to the left of the menu and select **Backup to Disk**
5. Click **Start Backup** and click **OK** in response to the confirmation window
6. When backup is complete, press return in response to the prompt to close the **db\_bkup window**

## RESTORE FROM THE BINARY BACKUP

### Reference: CRS Site Operator's Manual section 3.6.2.5.12 b

The following steps outline how to restore CRS from the binary backup. Any products still valid when the file is reloaded will broadcast.

NTP: See block\_graphic.pptx and add the ASCII text specification document

1. From the **Maintenance** menu, select **Database Backup/Restore**
2. Click the option to the right of the menu and select **Restore From Disk**
3. Click the toggle to the right of the menu and select **Database Backup/Restore**
4. Click **Restore Directories**
5. Select the desired backup by highlighting it in the **Restore Directories** window and clicking **OK**
6. Click **Start Restore** and click **OK** in response to the confirmation window
7. When restore is complete, press return to close the **db\_bkup** window

## CREATE A BROADCAST SUITE

The following are instructions for creating a new broadcast suite.

1. From the **Messages** pull down menu, select **Broadcast Suites**
2. Click the **Create** key and enter the suite name in the Suite Name field
3. Click **Add Msg Type** or **Add Group**
4. Assign message types or groups to the suite by highlighting them
5. Click **OK**
6. Use the **Up and Down arrow** buttons to prioritize a message
7. Highlight a message type/group and click the **Remove** button to delete
8. Click the **SAVE** hotkey

## VIEW A BROADCAST SUITE

Occasionally, you might need to see the contents of a Broadcast Suite, so use the following instructions.

1. Click the Suite Name and double-click
2. View/edit the selected suite

## EDIT A BROADCAST SUITE

Use the following instructions if it is necessary to change any message types or groups in a broadcast suite.

1. Click the **Add Msg Type** or **Add Group button**
2. Assign message types or groups to the suite by highlighting them
3. Click **OK**
4. Use the **Up and Down arrow** buttons to prioritize a message
5. Highlight a message type/group and click the **Remove** button to delete
6. Click the **SAVE** hotkey

## CREATE BROADCAST PROGRAMS

### Reference: CRS Site Operator's Manual Section 3.6.2.2.1a

This procedure details how to create, edit, or view a broadcast program, and assign trigger messages to high or exclusive suites.

1. **Programs >> Broadcast Program** in the CRS menu
2. Click the **Create** hotkey (icon looks like a sheet of paper)
3. Enter a program name in the Program Name field
4. Select the desired **category**
5. Choose the suites you want to assign to this broadcast program
  - a. Click **Add**, and **highlight the suite** you wish to add
  - b. Click **OK**. If you wish to remove a suite, highlight it then click **Remove**, then **OK**
  - c. Repeat this step until all appropriate suites are added/deleted
6. Use the **up and down arrow keys** to move a highlighted suite to the appropriate location in the list
7. **If you have created a high or exclusive suite**, you must define one or more trigger messages
  - a. Highlight the suite needing a trigger message. Click **Trigger**
  - b. Toggle on the box to the left of the message (or messages) you wish to be a trigger
  - c. Click **OK**
8. When finished, click **Save** (disk icon)

## EDIT BROADCAST PROGRAMS

### Reference: CRS Site Operator's Manual Section 3.6.2.2.1b

Use the following instructions to edit broadcast programs, perhaps if new products are created for the listening area, but the remainder of the message types are still valid.

1. **Programs >> Broadcast Program** in the CRS menu
2. Click the down arrow next to the Program Name Field
3. Select the desired program from the list by double-clicking it
4. Edit the Broadcast Program as needed
5. Click **Save** (disk icon)

## COMPILING AND EDITING THE CRS DICTIONARY

### Reference: CRS Site Operator's Manual section 3.6.2.5.9

Use the Webster's New World Dictionary to modify the CRS dictionary to improve pronunciation of local cities, rivers, and other features.

1. **Maintenance >> Dictionary**
2. Select the desired dictionary
3. Click **Compile** and **OK**
4. Download the recompiled binary (or ".dtu") files to the corresponding transmitters (and/or playbacks) by performing the following sub steps:
  - a. Click **Download to Linked Transmitters**
  - b. Click **Download** and **OK**
  - c. or click **Abort** to discontinue downloading and select **Close**

## EDIT CRS DICTIONARY WORD PRONUNCIATION

### Reference: CRS Site Operator's Manual section 3.6.2.5.10

If a word pronunciation requires more tweaking, use the following steps to edit the CRS dictionary.

1. **Maintenance >> Dictionary**
2. Select the desired dictionary
3. Choose a word by double-clicking it
4. Enter the phonetic or the phoneme spelling of the word in the Phonetic or Phoneme field
5. Select the pronunciation method by clicking a radio button
6. Click **Pronounce** and edit the pronunciation as necessary – word must be pronounced once in order to save
7. Click the **Save** hotkey (disk icon)

## BACKUP CRS DICTIONARY FILES

### Reference: CRS System Administration Manual 5-8, CRS Site Operator's Manual section 3.6.2.5.12 c

Once you have the dictionary edited, make a backup copy to save all of your work.

1. **Maintenance >> Database Backup/Restore** in the CRS menu
2. Insert a blank pre-formatted diskette into the disk drive and select **Dictionary Backup/Restore**
3. Click **Option** and select **Backup to Floppy**
4. Click **Start Backup** and **OK**
5. When the backup completes, press return

## RECOVER CRS DICTIONARY FILES

### Reference: CRS Site Operator's Manual section 3.6.5.12 d

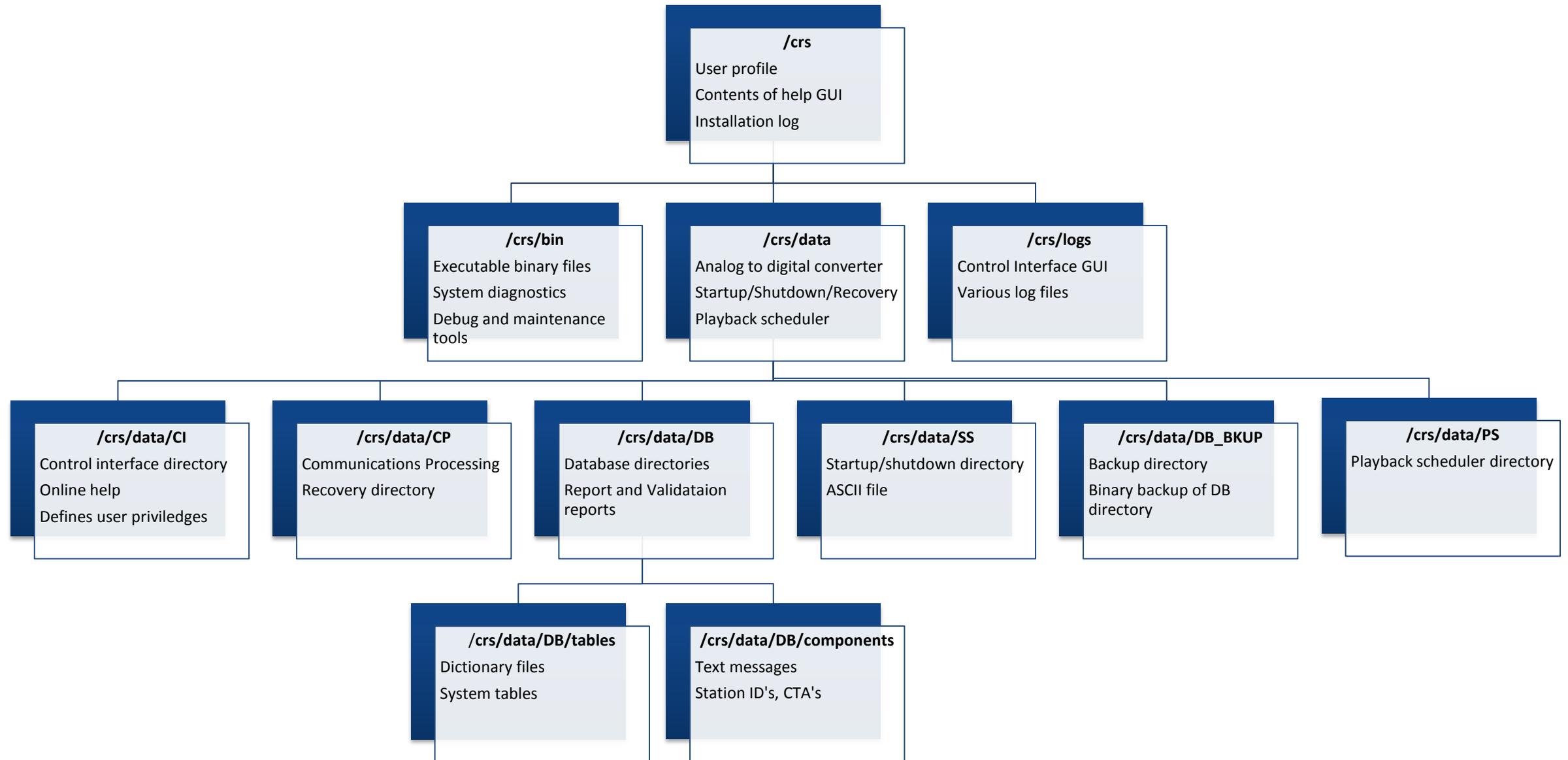
If a dictionary becomes corrupted, use the following steps to reload the backup copy.

1. **Maintenance >> Database Backup/Restore** in the CRS menu
2. Insert the Dictionary Backup diskette into the disc drive and select **Dictionary backup/Restore**

3. Click **Option** and select **Restore from Floppy**
4. Click **Start Restore** and **OK**
5. When the restore completes, press return



## MP ./crs/ Directory Structure



## CREATE A MESSAGE GROUP

### Reference: CRS Site Operator's Manual Section 3.6.2.3.3a

A CRS focal point may be asked to create a group of products to play in a particular order. The following information details how to create a new message group.

1. Click **Messages >> Message Groups** in the CRS menu.
2. Click on the **Create** hot key (paper icon).
3. **Enter the name** of the message group in the Group Name field.
4. Click the **Add** button.
5. In the Message Type List window that appears, click the **message types** you want in this message group, and after each selection click **OK**.
6. When you are done selecting the messages for the group, use the **up and down arrows** to put them in the order you want them to be broadcast.
7. Click on the **Save** hot key (disk icon).

*Note: Do not forget to add the newly created message group to a suite if you want it to play in the broadcast.*

## EDIT A MESSAGE GROUP

### Reference: CRS Site Operator's Manual Section 3.6.2.3.3b

In order to make changes to an existing Message Group, use the following instructions.

1. Click **Messages >> Message Groups** in the CRS menu.
2. Click the **list button** next to the Group Name field, and **Select** the group you wish to edit from the list.
3. Click the **Find** hot key (magnifying glass icon).
4. In the Message Type List window that appears, click the **message types** you want in this message group, and after each selection click on **OK**.
5. When you are done selecting the messages for the group, use the **up and down arrows** to put them in the order you want them to be broadcast.
6. Click on the **Save** hot key (disk icon).

## CREATE A MESSAGE TYPE

Use the following instructions to add a new message type to a transmitter. An office may choose to use an abbreviated version of the forecast during severe weather, necessitating creation of a new message type.

1. Click **Messages >> Message Types** in the CRS menu.
2. Click the **Create** hotkey (image looks like a sheet of paper).
3. Complete the form fields. All fields are required with the exception of Emergency Override, SAME tones, default geographic area, and defaults for transmitter.
4. Click the **Save** hotkey (image looks like a floppy disk) and ensure the new message type is added to a suite so it will broadcast.

## EDIT A MESSAGE TYPE

Use the following instructions to change any characteristic of a message type. For example, changing a product to interrupt the broadcast and play immediately.

1. Click **Messages >> Message Types** in the CRS menu.
2. Click the **list button** to the right of the Message Type field.
3. Select a message from the list and hit **Enter**.
4. Edit the parameters you wish to change.
5. Click the **Save** hotkey.

## US English Phonemes

### VOWELS

Symbol	Example Words	Symbol	Example Words
<b>a</b>	father, lot	<b>O</b>	toil, boy
<b>A</b>	back, had	<b>R</b>	butter, hurt
<b>c</b>	law, cough	<b>u</b>	zoo, truth
<b>e</b>	cake, pain	<b>U</b>	took, put
<b>E</b>	hedge, let	<b>W</b>	out, cow
<b>H</b>	mug, son	<b>x</b>	sofa, alone
<b>i</b>	see, speak, believe	<b>X</b>	roses, hinted
<b>I</b>	pick, ill	<b>Y</b>	life, fly, bonsai, Einstein
<b>o</b>	both, oak		

### CONSONANTS

Symbol	Example Words	Symbol	Example Words
<b>b</b>	bad, sob	<b>n</b>	never, sun, winner
<b>C</b>	chip, witch, nature	<b>N ("syllabic n")</b>	button, satin, burden
<b>d</b>	dip, had	<b>p</b>	pit, rip
<b>D</b>	this, breathe	<b>r</b>	borrow, rake
<b>f</b>	field, if, graph	<b>s</b>	seal, miss, ceiling
<b>F("flap")</b>	writer, fiddle	<b>S</b>	ship, wish
<b>g</b>	good, bug	<b>t</b>	tip, pet
<b>G</b>	sing, finger	<b>T</b>	thing, Beth
<b>h</b>	hot, hero	<b>J</b>	Jane, huge
<b>k</b>	kill, cat, make, back	<b>l</b>	low, hail
<b>m</b>	man, hum, summer	<b>v</b>	vase, save
<b>w</b>	wear, quick	<b>y</b>	yes, Virginia
<b>z</b>	zip, phase	<b>Z</b>	treasure, garage

## VIP Dictionary

**Reference:** English phoneme table

### ADD A WORD

Use the following information when a new word needs to be added to the VIP dictionary.

1. From the VIP menu, click **Dict Manager**
2. Click the green plus sign for a new entry
3. Type in the word in the first box
4. Using the English table of phonemes, type the pronunciation in the second box
5. Enter the spelled word in the word entry box
6. Enter the translation for of that word in the translation entry box
7. Select listen to playback and verify pronunciation of translation
8. Save button to save (words are placed into the list alphabetically)

### EDIT AN EXISTING WORD

The following instructions help when editing an existing word.

1. From the VIP menu, click **Dict Manager**
2. Double click the left mouse button on the desired word
3. Make any changes necessary
4. Select the **add** button to place the item back into the buffered list alphabetically

### DELETE A WORD

Use the following information to delete a word from the VIP dictionary, such as a retired hurricane name.

1. From the VIP menu, click **Dict Manager**
2. Double click the left mouse button on the desired word
3. Select the **clear/remove** button or use **delete** key